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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/019,013	12/26/2001	Masaomi Ueda	21900/0044	5918	
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Morris Liss Connolly Bove Lodge & Hutz PO Box 19088			BAUM, RONALD		
			ART UNIT	PAPER NUMBER	
	Washington, DC 20036-3425			2136	
			DATE MAILED: 11/22/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

	tion Summary Pa	art of Paper No./Mail Date 11012005				
Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  Paper No(s)/Mail Date  U.S. Patent and Trademark Office	4) Interview Summary Paper No(s)/Mail Do 5) Notice of Informal F 6) Other:					
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:  1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the prioring application from the International Bureau * See the attached detailed Office action for a list	s have been received. s have been received in Applicati ity documents have been receive ı (PCT Rule 17.2(a)).	on No ed in this National Stage				
Priority under 35 U.S.C. § 119						
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) access applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	epted or b) objected to by the liderating on b) objected to by the liderating on the liderating of the drawing of the liderating of the drawing of the liderating of the li	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).				
8) Claim(s) are subject to restriction and/or Application Papers	r election requirement.					
6)⊠ Claim(s) <u>1-14</u> is/are rejected. 7)□ Claim(s) is/are objected to.						
4a) Of the above claim(s) is/are withdray  5) ☐ Claim(s) is/are allowed.	vn-from consideration.	***************************************				
4) Claim(s) 1-14 is/are pending in the application.						
Disposition of Claims						
closed in accordance with the practice under E	•					
<ul> <li>2a) This action is FINAL.</li> <li>2b) This action is non-final.</li> <li>3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is</li> </ul>						
1) Responsive to communication(s) filed on 2a) This action is <b>FINAL</b> . 2b) ⊠ This						
Status						
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period w  - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tin ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).				
Period for Reply	ears on the cover sheet with the c	orrespondence dadress				
The MAILING DATE of this communication app	Ronald Baum	2136				
Office Action Summary	Examiner	Art Unit				
	10/019,013	UEDA ET AL.				
	Application No.	Applicant(s)				

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#### **DETAILED ACTION**

1. Claims 1-14 are pending for examination.

2. Claims 1-14 remain rejected.

## Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 13 recites the limitation "... said manager can select ..." in reference to claim 12.

There is insufficient antecedent basis for this limitation in the claim. For the sake of applying art, the examiner assumes the applicant refers to the mobile terminal operational interface.

Correction is required.

## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

 $\chi$ (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on 'sale in this country, more than one year prior to the date of application for patent in the United States.

- 3. Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Abraham et al, U.S. Patent 5,983,270.
- 4. As per claim 1; "An access right setting apparatus which can set access right information for limiting utilization of a resource with respect to said resource whose utilization can be limited by setting an access right, characterized by:

, ·

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access request information acceptance means for

accepting access request information in which information for

requiring the access right setting to said resource is described [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), clearly encompasses the claimed limitations as broadly interpreted by the examiner.];

access request information judgment means for

judging a content of said access request information

accepted by said access request information acceptance means [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]; and

access request information setting means for

setting the content of said access request information

judged by said access request information judgment means as

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said access right information [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting and associated storage of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]."

5. As per claim 2, "An access right setting apparatus which can set access right information for limiting utilization of a resource with respect to said resource whose utilization can be limited by setting an access right, characterized by:

access request information acquirement asking means for

asking for acquirement of access request information in which information for requiring the access right setting to said resource is described [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus) of a network (node) with associated GUI for user/operator interaction of which the GUI queuing of the user interactively for the setup of policy for the filtering/access control configuration (setting of access rights), clearly encompasses the claimed limitations as broadly interpreted by the examiner.];

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access request information acceptance means for

acquiring said access request information designated by

said access request information acquirement asking means [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), clearly encompasses the claimed limitations as broadly interpreted by the examiner.];

access request information judgment means for

judging enable/disable of a content of said access request information

acquired by said access request information acceptance means [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]; and

access request information setting means for

setting the content of said access request information

judged by said access request information judgment means as

said access right information [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting and associated storage of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]."

6. As per claim 3; "A manager terminal connected to an access right setting apparatus which can set access right information for limiting utilization of a resource with respect to said resource whose utilization can be limited by setting an access right via a network, characterized by:

access request information acceptance means for

accepting access request information in which information for

requiring the access right setting to said resource described [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting

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of access rights), clearly encompasses the claimed limitations as broadly interpreted by the examiner.];

access request information judgment means for

judging a content of said access request information

accepted by said access request information acceptance means [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]; and

access request information setting means for

setting the content of said access request information

judged by said access request information judgment means as

said access right information [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration

(setting and associated storage of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content), clearly encompasses the claimed limitations as broadly interpreted by the examiner.],

said manager terminal comprising:

access request information acquirement asking means for

asking for acquirement of the access request information in which the information for

requiring the access right setting to said resource is described [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction of which the GUI queuing of the user interactively for the setup of policy for the filtering/access control configuration (setting of access rights), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]; access request information judgment means for

receiving said access request information from said access right setting apparatus, and

judging enable/disable of the content of said access request information [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e.,

apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content and resulting enable/disable aspects of the request/content access authorization), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]; and

access request information automatic judgment means for

automatically performing the enable/disable judgment [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging, clearly automated via the processing element functional execution of software, as related to policy content and resulting enable/disable aspects of the request/content access authorization), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]."

7. As per claim 4; "A manager terminal connected to an access right setting apparatus which can set access right information for limiting utilization of a resource with respect to said resource whose utilization can be limited by setting an access right via a network, characterized by:

access request information acquirement asking means for

asking for acquirement of access request information in which information for requiring the access right setting to said resource is described [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction of which the GUI queuing of the user interactively for the setup of policy for the filtering/access-control configuration (setting of access rights), clearlyencompasses the claimed limitations as broadly interpreted by the examiner.];

access request information acceptance means for

acquiring said access request information designated by

said access request information acquirement asking means [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), clearly encompasses the claimed limitations as broadly interpreted by the examiner.];

access request information judgment means for

judging enable/disable of a content of said access request information

acquired by said access request information acceptance means [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content), clearly encompasses the claimed limitations as broadly-interpreted by the examiner ]; and

judged by said access request information judgment means as

access request information setting means for

setting the content of said access request information

interpreted by the examiner.],

said access right information [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting and associated storage of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content), clearly encompasses the claimed limitations as broadly

said manager terminal comprising:

access request information acquirement asking means for

asking for acquirement of the access request information in which the information for

requiring the access right setting to said resource is described [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction of which the GUI queuing of the user interactively for the setup of policy for the filtering/access control configuration (setting of access rights), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]; access request information judgment means for

receiving said access request information from said access right setting apparatus, and

judging enable/disable of the content of said access request information [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging as related to policy content and

resulting enable/disable aspects of the request/content access authorization), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]; and access request information automatic judgment means for

automatically performing the enable/disable judgment [Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element (i.e., apparatus and associated client/server configuration inclusive of a manager terminal) of a network (node) with associated GUI for user/operator interaction, of which the setup of policy for the filtering/access control configuration (setting of access rights), and subsequent use of said policy after being accepted/stored (i.e., post judging, clearly automated via the processing element functional execution of software, as related to policy content and resulting enable/disable aspects of the request/content access authorization), clearly encompasses the claimed limitations as broadly interpreted by the examiner.]."

8. Claim 5 *additionally recites* the limitation that; "The access right setting apparatus according to claim 1, characterized by

user identifier registration means for

issuing an identifier for uniquely specifying a user,
necessary for performing user authentication to make possible
connection for the user who cannot connect to

said access right setting apparatus for accessing said resource, and registering the identifier as a part of said access request information.".

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network with associated GUI for user/operator interaction, of which the setup of policy via administrative level functions to additionally assign rights (i.e., figures 5-9 and associated descriptions) inclusive of 'who, where, what, and the how' of network resources access control, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

9. Claim 6 *additionally recites* the limitation that, "The access right setting apparatus according to claim 1, characterized by

access request information acceptance means which can accept said access request information designated by an identifier of classification of said resource,

not by an identifier for uniquely specifying said resource with respect to designation of said resource as an object of the access right setting described in said access request information.".

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network with associated GUI for user/operator interaction, of which the setup of policy via administrative level functions to additionally assign rights (i.e., figures 5-9 and associated descriptions) associated with file type extensions (i.e., an identifier of classification of said resource; col. 11, lines 12-53) versus simply specifying a file

resource by file name (and associated location) per se, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

10. Claim 7 *additionally recites* the limitation that; "The manager terminal according to claim 3, characterized by

access object resource selection means by which a manager can

select said resource as an object of utilization from a plurality of resources, when said resource as an object of the access right setting described in said access request information is

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designated not by an identifier for uniquely specifying said resource,
but by an identifier of classification of said resource with respect to
designation of said resource as the object of the access right setting described in
said access request information, and when there are a plurality of corresponding
said resources."

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network with associated GUI for user/operator interaction, of which the setup of policy via administrative level functions to additionally assign rights (i.e., figures 5-9 and associated descriptions) associated with file type extensions (i.e., an identifier of classification of said object resource; col. 11,lines 12-53) versus simply specifying a file object resource by file name (and associated location) per se, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

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11. Claim 8 *additionally recites* the limitation that; "The manager terminal according to any one of claim 3, characterized by

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access request information change means which can

change the content described in said access request information received from said access right setting apparatus.".

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network with associated GUI for user/operator interaction, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

12. Claim 9 *additionally recites* the limitation that; "The access right setting apparatus according to any one of claim 1, characterized by

an open resource information storage device which can

store information open to an access originator of said resource among information of not an identifier for uniquely specifying said resource, but an identifier of classification of said resource with respect to designation of said resource as the object of the access right setting described in said access request information."

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network with associated GUI for user/operator

interaction, of which the setup of policy via administrative level functions to additionally assign rights (i.e., figures 5-9 and associated descriptions) and associated storage of said rights, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

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13. Claim 10 *additionally recites* the limitation that; "The access right setting apparatus according to any one of claim 1, characterized by

display information preparation means which can

convert the content described in said access request information to a visually and easily understandable natural language in order to accurately notify said manager of said access request information."

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network with associated GUI for user/operator interaction, of which the rendering of said interactions input/output results, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

14. Claim 11 *additionally recites* the limitation that; "The access right setting apparatus according to any one of claim 1, characterized by

access request information authentication means for

authenticating said access request information in order to confirm that said access request information is not prepared by an illicit action represented by falsification or pretense."

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network with associated GUI for user/operator interaction, of which the authentication of users (i.e., password, etc.,) from the defined user level to administrative rights level of authorization, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

15. Claim 12 *additionally recites* the limitation that; "The access right setting apparatus according to claim 1, characterized by:

request information transfer means for a mobile terminal for
transferring the content described in said access request information to
a mobile terminal so that

the content is grasped in a remote area; and request information judgment means for the mobile terminal for performing the enable/disable judgment of said access request information from said mobile terminal.".

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network, either on the same network, or associated inter/intranet whereas the node is remote/mobile (i.e., '... Internet has recently seen explosive growth by virtue of its ability to link computers located throughout the world ...') relative to a

request (i.e., the client/server aspect), with associated GUI for user/operator interaction, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

16. Claim 13 *additionally recites* the limitation that; "The access right setting apparatus according to claim 12, characterized by

object resource selection means for the mobile terminal for

performing selection of the resource as said access object performed by the access object resource selection means by which

said manager can select said resource as the object of the utilization from said plurality of resources from said mobile terminal,

when said resource as the object of the access right setting described in said access request information is

designated not by an identifier for uniquely specifying said resource, but by an identifier of classification of said resource with respect to designation of said resource as the object of the access right setting described in said access request information, and when there are a plurality of corresponding said resources.".

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network with associated GUI for user/operator interaction, of which the setup of policy via administrative level functions to additionally assign rights (i.e., figures 5-9 and associated descriptions) associated with file type extensions (i.e., an

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identifier of classification of said object resource; col. 11,lines 12-53) versus simply specifying a file object resource by file name (and associated location) per se, clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

17. Claim 14 *additionally recites* the limitation that; "The access right setting apparatus according to claim 12, characterized by

request information change means for the mobile terminal for performing the change of the content described in

said access request information from said mobile terminal.".

The teachings of Abraham et al suggest such limitations (i.e., Abstract, figures 3-15, 17-19, 27, 32, 33, 35, 36 and associated descriptions, whereas the use of a network management program operating on a processing element of a network, either on the same network, or associated inter/intranet whereas the node is remote/mobile (i.e., '... Internet has recently seen explosive growth by virtue of its ability to link computers located throughout the world ...') relative to a request (i.e., the client/server aspect), with associated GUI for user/operator interaction (i.e., '...change of the content described ...'), clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

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### Conclusion

18. Any inquiry concerning this communication or earlier communications from examiner should be directed to Ronald Baum, whose telephone number is (571) 27**2**-3861, and whose unofficial Fax number is (571) 27**3**-3861. The examiner can normally be reached Monday through Thursday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh, can be reached at (571) 272-3795. The Fax number for the organization where this application is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent-Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. For more information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <a href="http://pair-direct.uspto.gov">http://pair-direct.uspto.gov</a>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ronald Baum

Patent Examiner

'AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100